Assignment Date	01-11-2022
Student Name	ADHWAITH CHANDRAN
Student Roll Number	711719104007
Team ID	PNT2022TMID31561

1. **Create registration page in html with username, email and phone number and by using POST method display it in the next html page.**

Program:

App.py

```
from flask import Flask,redirect,url_for,request
app=Flask(__name__)

@app.route('/success/<string:name>/<string:ml>/<string:pnm>')
def success(name,ml,pnm):
    return "Welcome " + name +" !! <br><br> Your mail id is "+ml+" .<br><br> Your phone number is "+pnm


@app.route('/login',methods=['POST'])
def login():
    if request.method=='POST':
        user=request.form['nm']
        mailid=request.form['mail']
        phnum=request.form['num']

        return redirect(url_for('success',name=user,ml=mailid,pnm=phnum))

if __name__=='__main__':
    app.run(debug=True)
```

Login.html

```
<html>
<head>
    <link rel="stylesheet" type="text/css" href="style.css">
        <title> Welcome to the login page </title>
</head>
<body>
<form action="http://localhost:5000/login" method="POST">

    <h1> <center>LOGIN FORM </center></h1>
    <div class=login>
    <p> Enter name  :
        <input type="text" name="nm"/></p>
    <p> Enter mail id:
        <input type="email" name="mail"/></p>
```
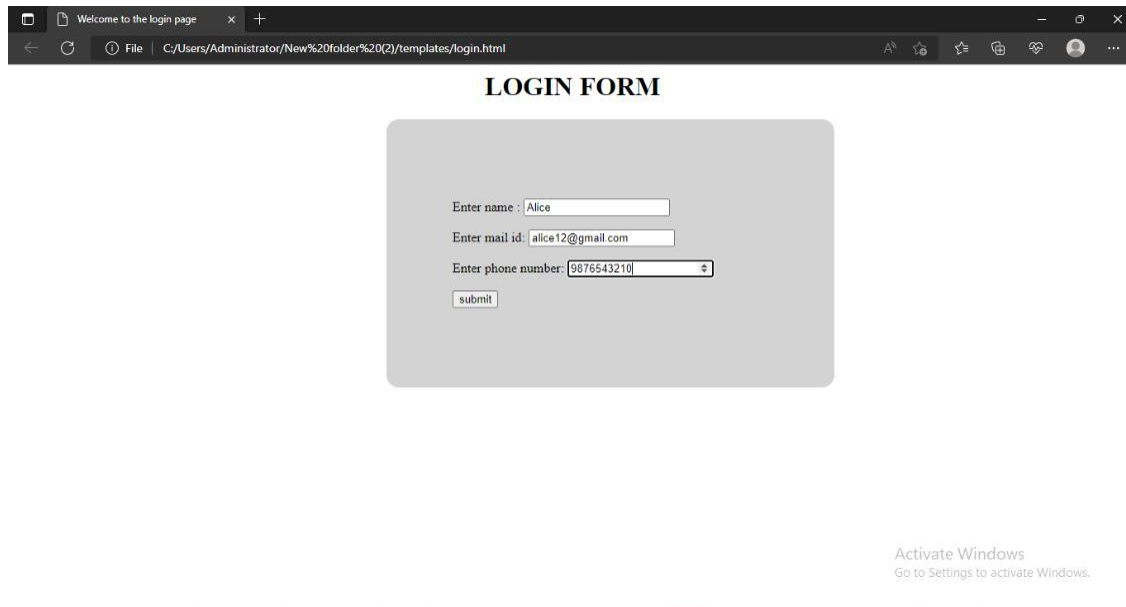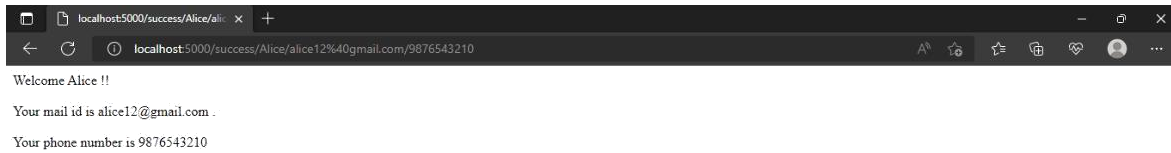
```html
        <p> Enter phone number:
            <input type="number" name="num"/></p>
        <p> <input type="submit" value="submit"></p>
</form>
</div>
</body>
</html>
```

Style.css

```css
body
{
    margin: 0;
    padding: 0;
    background-color:#6abadeba;
    font-family: 'Arial';
}

.login{
        width: 382px;
        overflow: hidden;
        margin: auto;
        margin: 20 0 0 450px;
        padding: 80px;
        background: #D3D3D3;
        border-radius: 15px ;

}
```

Activate Windows
Go to Settings to activate Windows.

2.Develop a flask program which should contain at least 5 packages used from pypi.org

base.html:

<!DOCTYPEhtml>

<html>

<head>

<title>PageTitle</title>

{%blockhead%}{% endblock%}

<linkhref="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"

rel="stylesheet" integrity="sha384-

iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"cro

ssorigin="anonymous">

<scriptsrc="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"

integrity="sha384-

u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi4

66C8"crossorigin="anonymous">

</script>

</head>

<body>

```
<a href="/">HOME</a>
<a href="/Blog">BLOG</a>
<a href="/Signin">SIGNIN</a>
<a href="/Signup">SIGNUP</a>
<hr><br>
<div class="container">
{% block body %}{% endblock %}
</div>
</body>
</html>
```

blog.html:

```
{% extends 'base.html' %}
{% block head %}
<title>BlogPage</title>
{% endblock %}
{% block body %}
<h1>ThisisSamleBlog</h1>
<h2><p>Hello,fromMr.X</p></h2>
{% endblock %}
```

index.html:

```
{% extends 'base.html' %}
{% block head %}
<title>HomePage</title>
{% endblock %}
{% block body %}
<h1>Helloeveryone,</h1>
<div class="p-5mb-4bg-lightrounded-3">
<div class="container-fluidpy-5">
<h1 class="dispay-5fw-bold">WIFITECHNOLOGY<h1>
<p class="col-md-8fs-4">Kubernetes (also known as k8s or "kube") is an open source container orchestration platform that automates many of the manual processes involved in deploying, managing, and scaling containerized applications. </p>
</div>
```

```
</div>
{%endblock%}
```

signup.html:

```
{%extends'base.html'%}
{%blockhead%}
<title>SignupPage</title>
{%endblock%}
{%blockbody%}
<h1>SignupPage</h1>
<formaction="Signup"method="POST">
<label>Name</label><br>
<inputtype="text"name="name"><br><br>
<label>Email</label><br>
<inputtype="email"name="email"><br><br>
<label>Phone</label><br>
<inputtype="text"name="phone"><br><br>
<label>Password</label><br>
<inputtype="password"name="name"><br><br>
<label>RetypePassword</label><br>
<inputtype="password"name="name"><br><br><br>
<inputtype="submit"class="btnbtn-primary">
</form>
{%endblock%}
```

signin.html:

```
{%extends'base.html'%}
{%blockhead%}
<title>SigninPage</title>
{%endblock%}
{%blockbody%}
<h1>SigninPage</h1>
<formaction="/Signin"method="POST">
<label>Email</label><br>
```

```html
<input type="email" name="email"><br><br>
<label>password</label><br>
<input type="password" name="name"><br><br>
<input type="submit" class="btn btn-primary">
</form>
{% endblock %}
```

app.py:

```python
from flask import Flask, render_template
app = Flask(name)
@app.route('/', methods=["GET", "POST"])
def Index():
    return render_template('index.html')
@app.route('/Blog')
def Blog():
    return render_template('blog.html')
@app.route('/Signup')
def Signup():
    return render_template('signup.html')
@app.route('/Signin')
def Signin():
    return render_template('signin.html')

if name ____ == 'main':
    app.debug = True
    ap.run
```